

**REMARKS**

**Pending Claims 1-10.** In the Non-Final Office Action, Examiner Figueroa objected to and rejected pending claims 1-10 on various grounds. The Applicant responds to each objection and rejection as subsequently recited herein, and respectfully requests reconsideration and further examination of the present application under 37 C.F.R. § 1.112:

- A. Examiner Figueroa objected to claims 1-5 as failing to set forth method steps

The Applicant has amended independent claim 1 to set forth limitations for the method for data transmission in a power supply network. Withdrawal of the objection of the claims 1-5 is therefore respectfully requested.

- B. Examiner Figueroa rejected claim 1 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent Publication No. 2004/0108941 to *Hauck* et al.

The Applicant has thoroughly considered Examiner Figueroa's remarks concerning the patentability of independent claim 1 over *Hauck*. The Applicant has also thoroughly read *Hauck*. The Applicant respectfully asserts that *Hauck*, as best shown in FIG. 7, exclusively teaches a single repeater coupler 50 (i.e., transceiver) for receiving a data signal A on a phase B line and re-transmitting a data signal B on a phase A line. See, *Hauck* at paragraphs [0045]-[0047]. To obviate this §102(e) rejection of independent claim 1, the Applicant has amended independent claim 1 to recite "receiving data transmitted on a particular phasing line (11) of the power supply network at a first transceiver" and "re-transmitting the received data at a second transceiver on at least one phasing line (12, 13) different from the said phasing line (11)". This amendment of independent claim 1 is supported by the figure of the present application and corresponding description thereof and therefore does not introduce any new matter.

Withdrawal of the rejection of independent claim 1 under 35 U.S.C. §102(e) as being anticipated by *Hauck* is therefore respectfully requested.

- C. Examiner Figueroa rejected claims 1-3, 6, 9 and 10 under 35 U.S.C. §102(e) as being anticipated by U.S. Patent Publication No. 2004/0067745 to *Belask, Jr.*

The Applicant respectfully asserts that the priority date of the present application predates the filing date of *Belask, Jr.* Specifically, the present application is the U.S. national stage filing of international application No. PCT/IB03/000873, filed March 3, 2003, which has the benefit of German Patent Application No. 102 10 858.7, filed March 12, 2002. See, *Notice of Acceptance of Application under 35 U.S.C. 371 and 37 C.F.R. 1.495*. Thus, the priority date of the present application is March 12, 2002. A review of *Belask, Jr.* reveals a filing date of October 2, 2002. Clearly, the priority date of the present application predates the filing date of *Belask, Jr.*

Withdrawal of the rejection of independent claims 1 and 6 under 35 U.S.C. §102(e) as being anticipated by *Belask, Jr.* is therefore respectfully requested.

Claims 2 and 3 depend from independent claim 1. Therefore, dependent claims 2 and 3 include all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claims 2 and 3 are allowable over *Belask, Jr.* for at least the same reason as set forth herein with respect to independent claim 1 being allowable over *Belask, Jr.* Withdrawal of the rejection of dependent claims 2 and 3 under 35 U.S.C. §102(e) as being anticipated by *Belask, Jr.* is therefore respectfully requested.

Claims 9 and 10 depend from independent claim 6. Therefore, dependent claims 9 and 10 include all of the elements and limitations of independent claim 6. It is therefore respectfully submitted by the Applicant that dependent claims 9 and 10 are allowable over *Belask, Jr.* for at least the same reason as set forth herein with respect to independent claim 6 being allowable over *Belask, Jr.* Withdrawal of the rejection of dependent claims 9 and 10 under 35 U.S.C. §102(e) as being anticipated by *Belask, Jr.* is therefore respectfully requested.

- D. Examiner Figueroa rejected claim 4 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2004/0067745 to *Belask, Jr.* in view of U.S. Patent No. 6,229,433 to *Rye et al.*

Claim 4 depends from independent claim 1. Therefore, dependent claim 4 includes all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claim 4 is allowable over *Belask, Jr.* in view of *Rye* for at least the same reason as set forth herein with respect to independent claim 1 being allowable over *Belask, Jr.* Withdrawal of the rejection of dependent claim 4 under 35 U.S.C. §103(a) as unpatentable over *Belask, Jr.* in view of *Rye* is therefore respectfully requested.

- E. Examiner Figueroa rejected claim 5 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2004/0067745 to *Belask, Jr.* in view of U.S. Patent Publication No. 2002/0109585 to *Sanderson*

Claim 5 depends from independent claim 1. Therefore, dependent claim 5 includes all of the elements and limitations of independent claim 1. It is therefore respectfully submitted by the Applicant that dependent claim 5 is allowable over *Belask, Jr.* in view of *Sanderson* for at least the same reason as set forth herein with respect to independent claim 1 being allowable over *Belask, Jr.* Withdrawal of the rejection of dependent claim 5 under 35 U.S.C. §103(a) as unpatentable over *Belask, Jr.* in view of *Sanderson* is therefore respectfully requested.

- F. Examiner Figueroa rejected claim 7 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2004/0067745 to *Belask, Jr.* in view of U.S. Patent Publication No. 2003/0031310 to *Bruccoleri et al.*

Claim 7 depends from independent claim 6. Therefore, dependent claim 7 includes all of the elements and limitations of independent claim 6. It is therefore respectfully submitted by the Applicant that dependent claim 7 is allowable over *Belask, Jr.* in view of *Bruccoleri* for at least

the same reason as set forth herein with respect to independent claim 6 being allowable over *Belask, Jr.* Withdrawal of the rejection of dependent claim 7 under 35 U.S.C. §103(a) as unpatentable over *Belask, Jr.* in view of *Brucoleri* is therefore respectfully requested.

- G. Examiner Figueroa rejected claim 8 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent Publication No. 2004/0067745 to *Belask, Jr.* in view of U.S. Patent No. 4,556,865 to *Fukagawa et al.*

Claim 8 depends from independent claim 6. Therefore, dependent claim 8 includes all of the elements and limitations of independent claim 6. It is therefore respectfully submitted by the Applicant that dependent claim 8 is allowable over *Belask, Jr.* in view of *Fukagawa* for at least the same reason as set forth herein with respect to independent claim 6 being allowable over *Belask, Jr.* Withdrawal of the rejection of dependent claim 8 under 35 U.S.C. §103(a) as unpatentable over *Belask, Jr.* in view of *Fukagawa* is therefore respectfully requested.

**New Claims 11-20.** The Applicant respectfully asserts that the prior art of record, particularly *Hauck*, fails to teach or suggest “a second transceiver coupled to a second phasing line of the power supply network to retransmit the data received by the first transceiver on the second phasing line” as recited in independent claim 11. An allowance of claims 11-20 is therefore respectfully requested.

SUMMARY

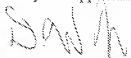
The Applicant respectfully submits that claims 1-20 fully satisfy the requirements of 35 U.S.C. §§102, 103 and 112. In view of the foregoing, favorable consideration and early passage to issue of the present application is respectfully requested. If any points remain in issue that may best be resolved through a personal or telephonic interview, Examiner Figueroa is respectfully requested to contact the undersigned at the telephone number listed below.

Dated: June 7, 2007

Respectfully submitted,  
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